

Rabbit anti-Human PTPN13 Polyclonal Antibody | anti-PTPN13 antibody

PTPN13 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234446	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

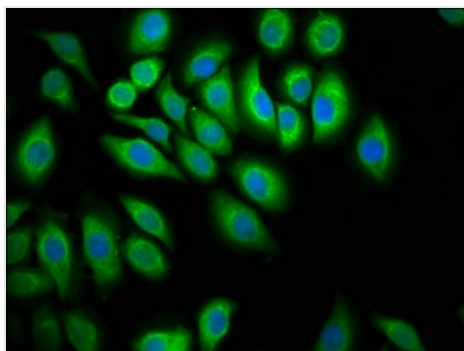
PRODUCT SYNONYMS

PTPN13; Polyclonal Antibody; PTPN13 Antibody; Tyrosine-protein phosphatase non-receptor type 13; Fas-associated protein-tyrosine phosphatase 1; FAP-1; PTP-BAS; Protein-tyrosine phosphatase 1E; PTP-E1; hPTE1; Protein-tyrosine phosphatase PTPL1; PNP1; PTP1E; PTPL1; anti-PTPN13 antibody

PRODUCT SPECIFICATIONS

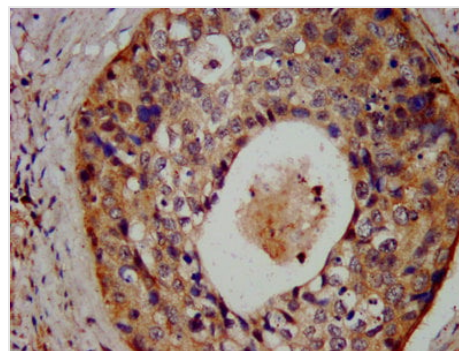
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	2466
Applicable Applications for anti-PTPN13 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Tyrosine-protein phosphatase non-receptor type 13 protein (1965-2173AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



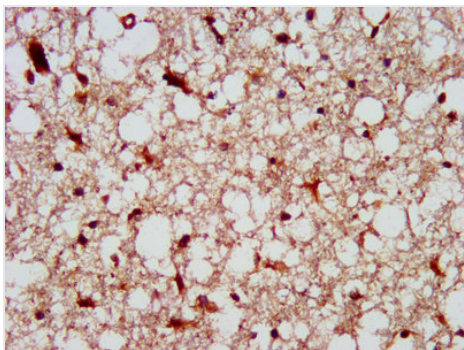
IHC (Immunohistochemistry)

Immunofluorescence staining of A549 cells with AAA234446 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234446 diluted at 1:300 and staining in paraffin-embedded human cervical cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA234446 diluted at 1:300 and staining in paraffin-embedded human brain tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-PTPN13 antibody	Tyrosine phosphatase which regulates negatively FAS-induced apoptosis and NGFR-mediated pro-apoptotic signaling (PubMed:15611135). May regulate phosphoinositide 3-kinase (PI3K) signaling through dephosphorylation of PIK3R2 (PubMed:23604317).
Product Categories/Family for anti-PTPN13 antibody	Cancer; Cell Biology; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453992
NCBI GeneID	5783
NCBI Accession #	NP_006255.1
NCBI GenBank Nucleotide #	NM_006264.2
UniProt Accession #	Q12923; Q15159; Q15263; Q15264; Q15265; Q15674; Q16826; Q8IWH7; Q9NYN9; Q9UDA8; B2RTR0
Molecular Weight	277,508 Da
NCBI Official Full Name	tyrosine-protein phosphatase non-receptor type 13 isoform 2
NCBI Official Synonym Full Names	protein tyrosine phosphatase, non-receptor type 13
NCBI Official Symbol	PTPN13
NCBI Official Synonym Symbols	PNP1; FAP-1; PTP1E; PTPL1; PTPLE; PTP-BL; hPTP1E; PTP-BAS
NCBI Protein Information	tyrosine-protein phosphatase non-receptor type 13
UniProt Protein Name	Tyrosine-protein phosphatase non-receptor type 13
UniProt Gene Name	PTPN13
UniProt Synonym Gene Names	PNP1; PTP1E; PTPL1; FAP-1; PTP-E1; hPTPE1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ptpn13-antibody-immunofluorescence-immunohistochemistry-elisa/234446>